

Nutrient Reduction Team Report Out

Governors’ Action Plan

Implementation and Integration Workshop

St. Petersburg, FL

July 11, 2007



Nutrient Team Report Out

Nutrient/Water Quality Team Shared Action Items

N-1:3 & WQ-3:2

Database of local, state, and federal nutrient monitoring programs in the Gulf of Mexico

Next Steps

Develop RFP to :

1. Design the database
2. Hold workshop to establish desired metadata and end user interface



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Nutrient/Water Quality Team Shared Action Items

N-1:4 & WQ-3:4

Assessment of monitoring needs to develop nutrient criteria

Next Steps

1. Evaluate inventory of monitoring programs
2. Identify data gaps for nutrient criteria
3. Identify opportunities for coordination among monitoring programs



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N-1:2 & WQ-3:4

Pilot project to determine the data necessary to:

1. identify cause and effect relationships and
2. develop nutrient criteria in diverse estuaries across the Gulf

Next Steps

1. Work with existing GMPO contract with Battelle
2. Select pilot estuaries based on available data
3. Conduct pilot study



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N-1:3 & WQ-3:4

Pilot monitoring standardization effort for a core set of nutrient and water quality parameters across the Gulf ecosystems

Next Steps

1. Follow up action items from initial parameter standardization workshop scheduled later today



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Nutrient/Water Quality Team Shared Action Items

N-1:5 & WQ-3:2

Develop a Gulf-wide database of hydrodynamic and water quality models

Next Steps

1. Continue to collect and input metadata for existing models
2. Finalize database developed by NCDDC
3. Finalize/Customize user interface for database



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N-2:1 & WQ

Map of priority watersheds, sensitive waters, and restoration opportunities

Next Steps

1. Form subcommittee with representation from Nutrients, Water Quality, Habitat Restoration, and Habitat ID Teams
2. Hold workshops & conference calls to develop prioritization scheme
3. Use existing assessments and data to rank watersheds



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Nutrient Team Action Item – Back on Track

N-2:6 Map of communities served by advanced wastewater treatment systems

Next Steps

1. Identify state and federal data sources
2. Develop common terminology for “advanced”
3. Provide this information to communities conducting rebuilding activities and/or infrastructure planning



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Nutrient Team Action Item

N-2:2-5 Technical assistance and outreach to communities on infrastructure planning and design to reduce nutrient inputs

Next Steps

1. Reach out to the Resiliency Group for partnership opportunities
2. Develop technical assistance on nutrient reduction technologies, post-hurricane rebuilding lessons learned, critical planning steps, and identifying opportunities for treatment upgrades
3. Incorporating all of the above into state and local planning efforts such as disaster preparedness plans



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Nutrient Team Action Item

N-3:1 Position paper establishing Gulf Hypoxia as a common regional priority and identifying opportunities for science and technology transfer to address areas of localized hypoxia

Next Steps

Form a subcommittee to review results of recent hypoxia workshops and Action Plan Reassessment activities to develop position paper



Reducing Nutrient Inputs

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